510(k) Summary:

JAN 1 4 2005



This summary is provided as part of this Premarket Notification in compliance with 21CRF, Section 807.92.

Submitters name: B-K Medical

Address: Mileparken 34, DK2730 Herlev, Denmark

Phone: +45 44528100 Fax: +45 44528199

Contact person: Villy Braender, Regulatory Manager

Date prepared: 22 December, 2004

Trade name: Ultrasound Scanner Mini Focus 1402 Common name: Diagnostic Ultrasound System

Classification names:

Ultrasonic Pulsed Echo Imaging System (90 IYO, CFR 892.1560) Ultrasonic Pulsed Doppler Imaging System (90 IYN, CFR 892.1560) Diagnostic Ultrasonic Transducer (90 ITX, CFR 892.1570)

Identification of predicate, legally marketed device:

B-K Medical Ultrasound Scanner Type 2400, K024236 (JAN17 2003)

Device description:

Mini Focus 1402 supports the following scanning modes and combinations thereof: B-mode, M-mode, PWD mode, CFM mode. B mode includes tissue harmonic imaging. The system can perform simple geometric measurements, and perform calculations in the

The system can perform simple geometric measurements, and perform calculations in the areas of Vascular, Urology, Cardiology and OB/GYN applications.

The system can guide biopsy- and puncture needles.

The system can reconstruct a series of 2-D images into a single 3-D volume and display this on the screen. (Freehand tracking)

Transducers

Transducers are linear and convex arrays and mechanical sector.

The patient contact materials are biocompatible.

All transducers used together with Mini Focus 1402are Track 3 transducers.

Acoustic output

The system controlling the Acoustic Output in Mini Focus 1402is the same as the system in 2400. The system will assure that the acoustic output always will stay below the pre-amendments upper limits i.e. Ispta $\leq 720 \text{ mW/cm}^2$ and MI ≤ 1.9 (Track 3, non ophthalmic).

The Thermal Index values are maximum 6.0, i.e. $TI \le 6.0$

Clinical measurement accuracy.

Clinical measurements and calculations are described and accuracies are provided in the User Guide.

Thermal, mechanical and electrical safety.

The scanner Mini Focus 1402 has been tested by a recognized, Certified Body.

Acoustic Output Reporting

The Acoustic Output Reporting is made according to the standards required by "Information for Manufacturers Seeking Clearance of Diagnostic Ultrasound Systems and Transducers, FDA, CDRH, September 30, 1997"

Intended use.

1402 intended uses are contained within 2400-intended uses:

	Predicate device:	Submitted device:
	Ultrasound scanner Type 2400	Ultrasound scanner Mini
	K024236 (JAN17 2003)	Focus 1402
Modes of operation	B, M, PWD, CFM 1) and combinations.	B, M, PWD,CW, CFM 1)
-	Tissue harmonic imaging	and combinations. Tissue
		harmonic imaging
Intended use(clinical	Abdominal	Abdominal
application)	Cardiac	Cardiac
* * *	Fetal	Fetal (Obstetrics)
	Intraoperative	Intraoperative
	Neurosurgery	
	Obstetrics	
	Pediatrics	Pediatrics
	Transrectal	Transrectal
	Small Parts (organs)	Small Parts (organs)
	Transvaginal	Transvaginal
	Peripheral vascular	Peripheral vascular
	Muskulo-skeletal (conventional and	Muskulo-skeletal
	superficial)	(conventional and
		superficial)
Features	ECG (not monitoring)	Untracked 3D

¹⁾ CFM= Color Flow Mapping=Color Doppler and Amplitude Doppler.

Technological characteristics compared to the predicate device.

The predicate device has the same major technological characteristics as the subject device described above.

Minor differences consist: Modified beamformer and operating system, modified mechanical outline and 3D imaging.



JAN 1 4 2005

Food and Drug Administration 9200 Corporate Boulevard Rockville MD 20850

Mr. Villy Brænder Official Correspondent B-K Medical A/S Mileparken 34 Herlev 34, DK 2730 DENMARK

Re: K043554

Trade Name: Ultrasound Scanner Mini Focus 1402

Regulation Number: 21 CFR 892.1550

Regulation Name: Ultrasonic pulsed doppler imaging system

Regulation Number: 21 CFR 892.1560

Regulation Name: Ultrasonic pulsed echo imaging system

Regulation Number: 21 CFR 892.1570

Regulation Name: Diagnostic ultrasonic transducer

Regulatory Class: II

Product Code: 90 IYN, IYO, and ITX

Dated: December 22, 2004 Received: December 31, 2004

Dear Mr. Brænder:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

This determination of substantial equivalence applies to the following transducers intended for use with the Ultrasound Scanner Mini Focus 1402, as described in your premarket notification:

Transducer Model Number

<u>8660</u>

<u>8665</u>

<u>8667</u>

 $\frac{8670}{8803}$ 8817

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This determination of substantial equivalence is granted on the condition that prior to shipping the first device, you submit a postclearance special report. This report should contain complete information, including acoustic output measurements based on production line devices, requested in Appendix G, (enclosed) of the Center's September 30, 1997 "Information for Manufacturers Seeking Marketing Clearance of Diagnostic Ultrasound Systems and Transducers." If the special report is incomplete or contains unacceptable values (e.g., acoustic output greater than approved levels), then the 510(k) clearance may not apply to the production units which as a result may be considered adulterated or misbranded.

The special report should reference the manufacturer's 510(k) number. It should be clearly and prominently marked "ADD-TO-FILE" and should be submitted in duplicate to:

Food and Drug Administration Center for Devices and Radiological Health Document Mail Center (HFZ-401) 9200 Corporate Boulevard Rockville, Maryland 20850

This letter will allow you to begin marketing your device as described in your premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus permits your device to proceed to market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html

If you have any questions regarding the content of this letter, please contact Rodrigo C. Perez at (301) 594-1212.

Sincerely yours,

Mancy C. Brogdon

Nancy C. Brogdon

Director, Division of Reproductive, Abdominal and Radiological Devices

Office of Device Evaluation

Center for Devices and Radiological Health

Enclosure(s)

Diagnostic Ultrasound Indications for Use Form

System: 1402

Fill out one form for each ultrasound system and each transducer.

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

						Mode	of Operation			
Clinical Application	А	В	M	PWD	Tissue narmonic imaging	Color Doppl er	Amplitude Doppler	Color Velocity Imaging	Combined (specify 1)	Other (specify)
Ophthalmic										
Fetal		Р	Р	Р	Р	Р	P		Р	
Abdominal		Р	Р	Р	Р	Р	Р		Р	
Intraoperative (specify)		Р_	Р_	Р	Р	Р	Р		P	
Intraoperative Neurological			_	ļ <u>.</u>						
Pediatric		Р	Р	Р	Р	Р	Р		Р	<u> </u>
Small Organ (specify)		Р	Р	Р	Р	Р	Р		Р	
Neonatal Cephalic									<u> </u>	
Adult Cephalic	<u> </u>									
Cardiac	<u> </u>	Р	Р	Р	Р	Р	Р		Р	<u></u>
Transesophageal		ļ	<u> </u>	-	ļ. <u>.</u>		_			ļ
Transrectal		Р	P	Р	Р	Р	P		P	
Transvaginal		Р	Р	P	Р	Р	Р		Р	
Transurethral										<u> </u>
Intravascular	-	ļ		ļ						
Peripheral Vascular		Р_	Р	Р	Р	Р	Р		Р	
Laparoscopic		<u> </u>	<u> </u>	ļ					1	
Musculo-skeletal Conventional		P	P	Ρ	Р	Р	P		P	
Musculo-skeletal Superficial		Р	Р	P_	Р	Р	Р		P	<u> </u>
Other (specify)							<u> </u>			

N= new indication; P=	previously cleared by FDA; E= added under Appendix E							
Additional Comments:	1) B+M, B+D, B+C, B+D+C. B mode includes Tissue Harmonic Imaging. D is PWD, C is Color Doppler and Amplitude Doppler. Fetal is often called Obstetrics							
	(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)							
· · · · · · · · · · · · · · · · · · ·	Concurrence of CDRH, Office of Device Evaluation (ODE)							

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off) Division of Reproductive, Abdominal, and Radiological Devices 510(k) Number 1043554

System:	1402	
Transducer:	8660	

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

	inical Application	Mode of Operation							
General	Specific	В	М	PWD	CWD	Color	Combined	Amplitud	
(Track I Only)	(Tracks I & III)					Doppler	(Specify)	e Doppler	
Ophthalmic	Ophthalmic								
	Fetal							<u> </u>	
	Abdominal							ļ	
	Intra-operative (Specify)	L							
	Intra-operative (Neuro)		<u> </u>						
	Laparoscopic								
Fetal Imaging	Pediatric	<u> </u>	<u> </u>						
श्र Other	Small Organ (Specify)	P	P	P		P	P 1)	P	
	Neonatal Cephalic		<u> </u>	<u> </u>	<u> </u>			-	
	Adult Cephalic	<u> </u>	<u> </u>						
	Trans-rectal		ļ		ļ				
	Trans-vaginal	<u> </u>	Ļ						
	Trans-urethral		<u> </u>		<u> </u>				
	Trans-esoph. (non-Card.)		<u> </u>		ļ		-		
	Musculo-skel. (Conventional)	<u> </u>	<u> </u>					-	
	Musculo-skel. (Superficial)		<u> </u>		<u> </u>				
	Intra-iuminal		<u> </u>	<u> </u>	1				
	Other (Specify)	<u> </u>		.	ļ	ļ		-	
	Cardiac Adult		_	ļ <u>.</u>					
Cardiac	Cardiac Pediatric	<u> </u>	<u> </u>		ļ				
	Trans-esoph. (Cardiac)	<u> </u>							
	Other (Specify)	ļ	<u> </u>				D 1)	D	
Peripheral	Peripheral vessel	P	P	P	<u> </u>	P	P 1)	P	
Vessel	Other (Specify)		<u> </u>		<u> </u>		<u></u>		

N = new indication; P = previously cleared by FDA; E = added under Appendix E

Additional Comments: Small Organ: Breast, testis, penis, thyroid, parathyroid, salivary glands, lymph nodes 1) mode combinations: B, B+M, B+D, B+C, B+D+C. (D is PWD, C is Color Flow mapping Doppler including Amplitude(power)Doppler)

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Concurrence of Center for Devices and Radiological Health, Office of Device Evaluation

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off) Division of Reproductive, Abdominal, and Radiological Devices

510(k) Number_

^{*}Examples may include: A-mode, Amplitude Doppler, 3-D Imaging, Harmonic Imaging, Tissue Motion Doppler, Color Velocity Imaging

System:	1402		_								
	8665										
		1. t. n	g	malveie e	f the bur	an hody as	follows				
Intended Use: [Diagnostic ultrasound imaging or	riula	now a	marysis C	Mac	la of Opera	tion				
CI	inical Application	Mode of Operation									
General	Specific	В	M	PWD	Tissue harmo	Doppler	(Specify)	e Doppler			
(Track I Only)	(Tracks I & III)				nic	Dobbier	(Specify)	СБОРРІСІ			
				1	imagin	Ì					
		1			g						
0.1.1.1.1	Ophthalmic	<u> </u>			-		<u> </u>				
Ophthalmic	Fetal	P	P	P	P	Р	P 1)	P			
ł	Abdominal	P	P	P	P	P	P 1)	Р			
	Intra-operative (Specify)			 							
	Intra-operative (Neuro)	 									
	Laparoscopic		T	 							
Fetal Imaging	Pediatric		1								
& Other	Small Organ (Specify)	1		<u> </u>							
& Other	Neonatal Cephalic	1		<u> </u>							
	Adult Cephalic	1									
	Trans-rectal										
	Trans-vaginal										
	Trans-urethral							<u> </u>			
	Trans-esoph. (non-Card.)						<u> </u>				
	Musculo-skel. (Conventional)			<u> </u>		ļ <u></u>					
	Musculo-skel. (Superficial)					ļ	<u> </u>	ļ ——			
	Intra-luminal						<u> </u>				
	Other (Specify)			ļ. <u> </u>	ļ	ļ. —	<u> </u>				
	Cardiac Adult			<u> </u>	 						
Cardiac	Cardiac Pediatric				<u> </u>		 	 			
	Trans-esoph. (Cardiac)							 			
1	Other (Specify)			<u> </u>		<u> </u>		 -			
Peripheral	Peripheral vessel	1				<u> </u>		 			
Vessel	Other (Specify)			1		l		1			

N = new indication; P = previously cleared by FDA; E = added under Appendix E *Examples may include: A-mode, Amplitude Doppler, 3-D Imaging, Harmonic Imaging, Tissue Motion Doppler, Color Velocity Imaging

Additional Comments: 1) Mode combinations: B+M, B+D, B+C, B+D+C. (D is PWD, C is Color Flow mapping Doppler including Amplitude(power)Doppler)

Fetal is often called Obstetrics

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Concurrence of Center for Devices and Radiological Health, Office of Device Evaluation

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)
Division of Reproductive, Abdominal,

and Radiological Devices

1402

System:

Transducer:	8667		-							
Intended Use: D	Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:									
	nical Application	Mode of Operation								
General	Specific	В	М	PWD	CWD	Color	Combined	Amplitud		
(Track I Only)	(Tracks I & III)					Doppler	(Specify)	e Doppler		
Ophthalmic	Ophthalmic									
	Fetal	P	Р	P		P	P	P		
	Abdominal			<u></u>						
	Intra-operative (Specify)									
	Intra-operative (Neuro)		ļ					<u></u>		
	Laparoscopic							ļ		
Fetal Imaging	Pediatric	<u> </u>						ļ		
& Other	Small Organ (Specify)									
	Neonatal Cephalic							 		
	Adult Cephalic							<u> </u>		
	Trans-rectal	P	P	Р		P	P 1)	P		
	Trans-vaginal	Р	P_	P		P	P	P		
	Trans-urethral							<u> </u>		
	Trans-esoph. (non-Card.)		<u> </u>					ļ. <u> </u>		
	Musculo-skel. (Conventional)			<u> </u>				<u> </u>		
	Musculo-skel. (Superficial)		<u> </u>				<u> </u>	ļ		
	Intra-luminal		<u> </u>							
	Other (Specify)	<u> </u>	<u></u>					ļ		
	Cardiac Adult							 		
Cardiac	Cardiac Pediatric		<u> </u>					 		
	Trans-esoph. (Cardiac)		<u> </u>		_			<u> </u>		
	Other (Specify)					ļ				
Peripheral	Peripheral vessel						ļ	_ 		
Vessel	Other (Specify)		<u> </u>		<u></u>			<u> </u>		
N = new indication; P = previously cleared by FDA; E = added under Appendix E *Examples may include: A-mode, Amplitude Doppler, 3-D Imaging, Harmonic Imaging, Tissue Motion Doppler, Color Velocity Imaging										
Additional Comments:1)) Mode combinations: B+M, B+D, B+C, B+D+C. (D is PWD, C is Color Flow mapping Doppler including Amplitude(power)Doppler)_										
Fetal is often cal	led Obstetrics	ruis i	NF-C	ONTINUE	ON ANO	THER PAGE IF	NEEDED)			

Concurrence of Center for Devices and Radiological Health, Office of Device Evaluation

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off))
Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number <u>5043554</u>

System:	1402	
Transducer:	8670	

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

Intended Use: Diagnostic ultrasound imaging or			Mode of Operation							
Cli	nical Application							Ammliered		
General	Specific	В	М	PWD	Tissue	Color	Combined	Amplitud		
(Track I Only)	(Tracks I & III)	ļ			harmo	Doppler	(Specify 1)	e Doppler		
,					nic					
					imagin					
ļ					g			 		
Ophthalmic	Ophthalmic	<u></u>								
	Fetal				ļ					
	Abdominal			<u></u>	<u> </u>			- <u>-</u>		
ł	Intra-operative (Specify 2)	E	Ε	E	E	E	E	E		
	Intra-operative (Neuro)									
	Laparoscopic	<u> </u>			ļ					
Fetal Imaging	Pediatric	l	<u> </u>		<u></u>					
श्र Other	Small Organ (Specify 3)	E	E	E	E	E	E	E		
	Neonatal Cephalic		_					ļ		
	Adult Cephalic							ļ		
	Trans-rectal		<u> </u>				<u> </u>	ļ		
	Trans-vaginal							<u> </u>		
	Trans-urethral		_					<u> </u>		
	Trans-esoph. (non-Card.)									
	Musculo-skel. (Conventional)	E	E	E	E	E	E	E		
	Musculo-skel. (Superficial)	E	E	E	E	E	E	E		
	Intra-luminal									
	Other (Specify)					<u>. </u>	<u> </u>	-		
	Cardiac Adult									
Cardiac	Cardiac Pediatric									
	Trans-esoph. (Cardiac)									
	Other (Specify)									
Peripheral	Peripheral vessel	E	E	E	E	E	E	E		
Vessel	Other (Specify)									

N = new indication; P = previously cleared by FDA; E = added under Appendix E

Additional Comments: 2) Intraoperative: Breast, liver, pancreas, biliary system

3)Small Organ: Breast, testis, penis, thyroid, parathyroid, salivary glands, lymph nodes

1) mode combinations: B, B+M, B+D, B+C, B+D+C. (D is PWD, C is Color Flow mapping Doppler including Amplitude (power) Doppler)

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Concurrence of Center for Devices and Radiological Health, Office of Device Evaluation

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number <u>K 043554</u>

^{*}Examples may include: A-mode, Amplitude Doppler, 3-D Imaging, Harmonic Imaging, Tissue Motion Doppler, Color Velocity Imaging

System: Transducer:	8803	

Intended Use: Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:

		Mode of Operation							
<u>Cli</u>	nical Application		1 1 7	DWD	Tissue	Color	Combined	Amplitud	
General	Specific	В	М	PWD	harmo	Doppler	(Specify)	e Doppler	
(Track I Only)	(Tracks I & III)				nic	Dobbiei	(эрссиу)	СБОРРІСІ	
			'		imagin			i l	
					g			1	
O Lit Lite	Onbehalmic	-	 -						
Ophthalmic	Ophthalmic	P	P	P	Р	P	P 1)	P	
	Fetal	P	P	P	P	P	P 1)	P	
	Abdominal (Specify)	 	 	· —	 				
	Intra-operative (Specify)	 			 -				
]	Intra-operative (Neuro)	├─	 	 	 				
	Laparoscopic	P	P	P	P	P	P 1)	P	
Fetal Imaging	Pediatric	r-	r	r	-				
क्ष Other	Small Organ (Specify)	 —-	┼	 	 				
	Neonatal Cephalic	 	┼	 	-				
	Adult Cephalic	 	 		 	 	-	 	
	Trans-rectal	 —	↓	ļ	 	 	-		
	Trans-vaginal	<u> </u>	┦	ļ	 	<u> </u>	1	-	
	Trans-urethral	<u> </u>	<u> </u>	<u> </u>		 			
	Trans-esoph. (non-Card.)	<u> </u>	 	 	 	<u> </u>			
	Musculo-skel. (Conventional)	<u> </u>	↓	<u> </u>	 	<u> </u>	 		
	Musculo-skel. (Superficial)	<u> </u>	—	<u> </u>	 			-	
	Intra-luminal	—	<u> </u>	<u> </u>	ļ - -	 			
·	Other (Specify)	<u> </u>	<u> </u>		 	<u> </u>			
	Cardiac Adult		↓		 	 	 	 	
Cardiac	Cardiac Pediatric	↓	 	ļ	 	 	 	 	
	Trans-esoph. (Cardiac)	↓_		<u> </u>	 	<u> </u>		 	
	Other (Specify)	1	<u> </u>	ļ		ļ			
Peripheral	Peripheral vessel	J	1	ļ			ļ	 	
Vessel	Other (Specify)					<u> </u>		<u> </u>	

N = new indication; P = previously cleared by FDA; E = added under Appendix E

Additional Comments:	1)) Mode	combinations:	B+M,	B+D,	B+C,	B+D+C.	(D	is	PWD,	C	is
Color Flow mapping	Doppler	including Ampl	itude	(powe:	r) Dop	pler)_					
Fetal is often called Obste						50 D. 65 IF		DED.			

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Concurrence of Center for Devices and Radiological Health, Office of Device Evaluation

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

^{*}Examples may include: A-mode, Amplitude Doppler, 3-D Imaging, Harmonic Imaging, Tissue Motion Doppler, Color Velocity Imaging

System:	1402		-					
Transducer:	8817				•			
		~	~	1 .1	C 46 1		follows.	
	fluid	fluid flow analysis of the human body as follows:						
Clinical Application		Mode of Operation						
General	Specific	В	M	PWD	CWD	Color	Combined	Amplitud
(Track I Only)	(Tracks I & III)	ļ	ļ			Doppler	(Specify)	e Doppler
Ophthalmic	Ophthalmic		<u> </u>				ļ <u> </u>	
Fetal Imaging & Other	Fetal	ļ	<u> </u>			_	-	
	Abdominal	P	P	P		P	P 1)	P
	Intra-operative (Specify)							<u> </u>
	Intra-operative (Neuro)						<u> </u>	↓
	Laparoscopic	ļ	<u> </u>					ļ. <u> </u>
	Pediatric		ļ					
	Small Organ (Specify)				ļ .			
	Neonatal Cephalic		ļ					
	Adult Cephalic							
	Trans-rectal							
	Trans-vaginal	<u> </u>						
	Trans-urethral							
<u> </u>	Trans-esoph. (non-Card.)							<u> </u>
	Musculo-skel. (Conventional)		-					
	Musculo-skel. (Superficial)							
	Intra-luminal							1
	Other (Specify)							
Cardiac	Cardiac Adult	P	P	P		P	P 1)	P
	Cardiac Pediatric	T		1				
	Trans-esoph. (Cardiac)							<u></u>
	Other (Specify)		Ĭ					
Peripheral	Peripheral vessel							1
Vessel	Other (Specify)		l					
N = new indicat	ion; P = previously cleared by FI	OA; E	= ad	ded und	er Appen	dix E		
*Examples may include: A-mode, Amplitude Doppler, 3-D Imaging, Harmonic Imaging, Tissue Motion Doppler,								
Color Velocity Imaging								

Additional Comments: 1) Mode combinations: B+M, B+D, B+C, B+D+C. (D is PWD, C is Color Flow mapping Doppler including Amplitude(power)Doppler)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of Center for Devices and Radiological Health, Office of Device Evaluation

Prescription Use (Per 21 CFR 801.109)

1402

Division of Reproductive, Abdominal, and Radiological Devices

510(k) Number 404350